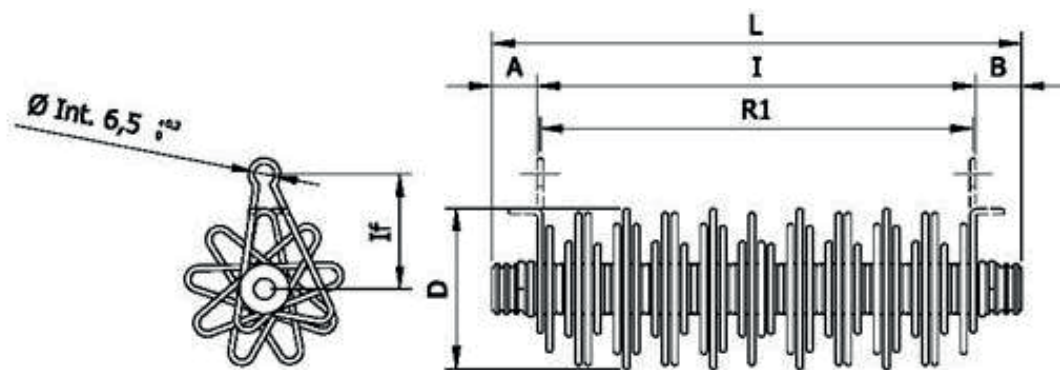


WIREWOUND STARS RESISTORS MODEL RDPS

TECHNICAL DESIGN



GENERAL FEATURES

These resistors consist of a resistive wire winding on a threaded steatite thermo-electric candle. The particular shape allows maximum economic savings with equal dissipated power.

The terminal slots are made directly by the winding wire. It is therefore possible to obtain one or several intermediate sockets.

The threaded candle is the support for mechanical attachment and permits both horizontal and vertical mounting. Because of their form, which is completely exposed to the air, they easily dissipate their load in the free air and with forced ventilation, to which they offer the least aerodynamic resistance possible.

ELECTRICAL CHARACTERISTICS

- Standard tolerance: $\pm 10\%$
- Temperature coefficient $\leq 100 \text{ ppm}/^\circ\text{C}$
- Level of Protection: IP 00
- The nominal Pn power is considered for resistors placed horizontally or vertically in the free circulating air, with an environmental temperature of 25°C .
- With forced ventilation the nominal power dissipation capacity of the resistor increases as a function of the air speed.

OPTIONAL

- Ohm values off standard compatibly with production
- Intermediate sockets
- Off standard tolerances
- External protection of the winding is provided by a ceramic cement lining.

ELECTRICAL AND MECHANICAL CHARACTERISTICS						
MAX. RESISTANCE [Ohm]	MAX. CURRENT [A]	MAX. POWER ON FREE AIR [W]	Wire material	Wire Diameter	D [mm]	L [mm]
0,19	40	300	costantana	2,6	51	120
0,23	40	370	costantana	2,6	63	120
0,27	40	440	costantana	2,6	75	120
0,30	40	480	costantana	2,6	51	185
0,37	40	590	costantana	2,6	63	185
0,43	40	690	costantana	2,6	51	255
0,53	40	850	costantana	2,6	63	255
0,59	40	960	costantana	2,6	63	290
0,71	40	1140	costantana	2,6	75	290
0,80	27	570	costantana	1,8	51	120
1,00	27	710	costantana	1,8	63	120
1,20	27	850	costantana	1,8	75	120
1,20	22	560	aisi 304	1,8	53	120
1,20	22	560	aisi 304	1,8	51	120
1,30	27	920	costantana	1,8	51	185
1,50	22	700	acciaio INOX	1,8	63	120
1,50	22	700	acciaio INOX	1,8	63	120
1,60	27	1130	costantana	1,8	63	185
1,70	22	800	aisi 304	1,8	75	120
1,70	22	800	aisi 304	1,8	75	120
1,80	27	1270	costantana	1,8	51	255
1,90	22	890	aisi 304	1,8	53	185
1,90	16	490	FeCr-Al	1,8	51	120
1,90	22	890	aisi 304	1,8	51	185
2,20	27	1560	costantana	1,8	63	255
2,30	22	1080	aisi 304	1,8	63	185
2,30	16	590	FeCr-Al	1,8	63	120
2,30	22	1080	aisi 304	1,8	63	185
2,60	27	1840	costantana	1,8	75	255
2,70	22	1260	aisi 304	1,8	75	185
2,70	16	690	FeCr-Al	1,8	75	120
2,70	22	1260	aisi 304	1,8	51	255
2,90	27	2050	costantana	1,8	75	290
3,00	16	770	FeCr-Al	1,8	51	185
3,20	13	530	FeCr-Al	1,4	53	290
3,30	22	1550	aisi 304	1,8	53	255
3,30	22	1550	aisi 304	1,8	63	255
3,70	22	1730	aisi 304	1,8	63	255
3,70	16	950	FeCr-Al	1,8	63	185
3,70	22	1730	aisi 304	1,8	63	290
3,80	13	630	FeCr-Al	1,4	63	290
4,40	22	2060	aisi 304	1,8	75	255
4,40	22	2060	aisi 304	1,8	75	290
4,50	13	740	FeCr-Al	1,4	75	290
4,50	16	1150	FeCr-Al	1,8	51	255
5,00	10	530	FeCr-Al	1,1	51	120
5,10	13	840	FeCr-Al	1,4	53	120
5,30	16	1350	FeCr-Al	1,8	63	255
5,90	16	1510	FeCr-Al	1,8	63	290
6,00	10	640	FeCr-Al	1,1	63	120
6,10	13	1010	FeCr-Al	1,4	63	120
7,00	16	1790	FeCr-Al	1,8	75	290
7,20	10	760	FeCr-Al	1,1	75	120
7,30	13	1210	FeCr-Al	1,4	75	120
8,00	10	850	FeCr-Al	1,1	51	185
8,70	13	1440	FeCr-Al	1,4	53	185
9,90	13	1640	FeCr-Al	1,4	63	185
10,00	10	1060	FeCr-Al	1,1	63	185
11,40	10	1210	FeCr-Al	1,1	51	255
11,70	13	1930	FeCr-Al	1,4	75	185
14,00	10	1480	FeCr-Al	1,1	63	255
16,00	10	1700	FeCr-Al	1,1	63	290
19,00	10	2010	FeCr-Al	1,1	75	290